REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 1

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USER'S GUIDE

Applicable to the following remote(s)
2W902R-SP 2 Way 5 Button LED Remote

Remote	FCC ID Number (US Only)	IC ID Number (International Only)
2W902R-SP	VA5REC500-2WSP	7087A-2WREC500SP

Statement : The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

CAUTION : The User that modifications to the unit may void the user' s authority to operate the unit.
This device complies with Part 15 of the FCC rules. Operation is subject to the following conditions:
(1) This device may not cause harmful interference.
(2) This device may accept any interference received, including interference that may cause undesired operation.

CAUTION : Changes or modifications not expressly approved by the party responsible for compliance could void the user' s authority to operate this device.

To maintain compliance with RF energy exposure guidelines, the antenna used for this transmitter must be maintained a separation distance of at least 20cm from the user body when transmitting. Co-located or operated in conjunction with any other antenna or transmitter is prohibited.

Manual de Usuario

Aplicable a los remoto(s siguientes);
2W902R-SP 2 Vias Remotos de 5 Botones LED

Remoto	Número ID FCC (Solamente EE.UU.)	Número ID FCC (Solamente Internacional)
2W902R-SP	VA5REC500-2WSP	7087A-2WREC500SP

Este dispositivo está sujeto a la sección 15 de las reglas de FCC. El funcionamiento está sujeto a las condiciones siguientes;
(1) este dispositivo no puede causar interferencia dañosa.
(2) este dispositivo puede aceptar cualquier interferencia recibida, incluso interferencia que pueda causar mal funcionamiento en el equipo.

CAUTELA: Cambios o modificaciones no expresamente aprobados por la parte responsable del cumplimiento de la norma, pueden anular la autorización del usuario para operar este dispositivo.

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REC500E_S(12.06) 2012.8.17 2:18 PM 페이지3

Table Of Contents

- Introduction 4
- Warranty Coverage 4
- Quick Reference 5
  - Button Lock 5
  - Full or Half Paging Mode 5
  - Valet Mode 5
  - Remote Maintenance – Battery Replacement 6
  - 2 Way Remote Button Functions 7
  - Function Button Menu 9
  - Remote Option Menu Table 9
- Remote LED Functions and Descriptions 10
- Alarm LED Notifications 11
  - 1Way Remote Button Function 12
- General System Functions 14
  - Sending Commands 14
  - Receiving Commands 14
  - Active Lock / Arm and Unlock / Disarm 14
  - Passive Lock / Arm 15
  - Automatic Transmission Remote Start Function 15
  - Manual Transmission Remote Start Function (Reservation Mode) 16
  - Trunk Release 17
  - AUXiliary Output / Window Roll–Down / Sliding Doors 18
  - Silent Arm / Disarm 18
  - Remote Mute 19
  - Shock Sensor On/Off 19
  - Automatic Button Lock 20

Table Of Contents

- Advanced System Functions 21
  - Drive Lock / Ignition Controlled Door Locks 21
  - Turbo Timer Mode 21
  - 2nd Car Mode (Multiple Vehicle Control) 22
  - RPS Touch and RPS (Remote Paging Sensor) 23
  - Secure Valet Switch 26
  - Cold / Hot Start Mode 27
  - Anti Jacking Mode 27
  - More Optional Sensors 27
- Remote Coding / Programming Routine(s) 28
  - Programming 2 Way 5 Button Remotes 28
- Remote Start Error Diagnostic 29
- Alarm Diagnostic 30
- Limited Lifetime Warranty 31
- Memo 33

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지5

Introduction

Thank you for purchasing a Firstech system for your vehicle. In order to truly enjoy the benefits of this system, we recommend that you thoroughly review the following manual. Please note that this manual applies to the 2 Way 5 Button LED Remote (2W902R-SP) Regardless of whether you purchased the ALARM IT, START IT, or MAX IT system. This manual also supports the 1WG7R-SP that is included in your new RF Kit. Please note that there are certain features listed in this manual that may not be available for your system. There may also be features listed in this manual that require additional installation or programming before they become active. If you have any questions or concerns please contact the original place of purchase. For further information you may also contact our customer support center at 888-820-3690.

Warranty Coverage

⚠ Caution: The Manufacturer's warranty will be voided if this product is installed by anyone other than an Authorized Firstech dealer. For complete warranty details visit www.compustar.com or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase. CompuStar Pro remotes carry a 2 year warranty.

Warranty registration can be completed online by visiting www.compustar.com. Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card with each unit - registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the dealer invoice in a safe place.

Quick Reference

Button Lock

The 2W902R-SP comes equipped with automatic button lock. This requires you to tap any button to wake your remote up then tap the button for the function you are trying to activate. Button lock can be turned off in your remote's option menu.

Full or Half Paging Mode

The 2W902R-SP is shipped in Half Paging Mode. This means that the remote will only receive 2 Way LED confirmations for remote start and lock and unlock. It will not receive 2 Way LED confirmations when the alarm is triggered. To turn this feature on hold the + buttons for 2.5 seconds to enter the Remote Programming Menu. Tap the Lock button to turn Full Paging on. The remote will beep twice and LED flash red. You are now in Full Alarm and Starter Mode.

Valet Mode

When servicing or loaning your vehicle to others, the system should be placed in Valet Mode. Valet Mode prevents the system from remote starting and disables all alarm functions.
IMPORTANT: While in Valet mode the remote will still control power lock and unlock systems. The parking lights will not flash.

The system can be put into valet one of three ways:
1. Turn the vehicle's key to the ignition "on" position, tap the Function and Trunk buttons + at the same time for a half second. The parking lights will flash once and/or siren chirp once to confirm the system is in valet mode. Repeat this process to take the system out of valet mode. The parking lights will flash twice and/or siren chirp once to confirm the system is out of valet mode. Please note the confirmation chirps from the 2 Way remote will be quieter in Valet Mode.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지7

2. If you do not have your remote control, you can put the system into valet by turning the ignition key "on" and then "off" five times within 7 seconds. The parking lights will flash once to confirm the system is in valet mode. Shortly after the first flash, the parking lights will flash twice. A remote control is required to take the system out of valet mode.

3. If your system is set up for a secure valet option (optional), you will not be able to put the system into valet until the proper code has been entered using the secure valet switch. The secure valet switch is the small button with bright blue LED on the front and if installed is the only way to override the alarm and/or remote start. **Until programmed, the default code is (3, 3).**

Removing System Out of Valet:
Tap the F + for a half second to remove the system out of Valet. On starter and alarm/starter systems, you can turn the key to the Ignition On position and tap the foot brake 10 times. This will take your system out of Valet Mode. If this does not work you can also repr ogram your remote(s). See Remote Coding/Programming Routine section for details.

Remote Maintenance–Battery Replacement

The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery.

2W902R-SP:
Turn the remote over and unlock the battery cover by sliding the clear tab up. Slide the battery cover off, revealing the AAA battery. IMPORTANT: Be sure to observe correct polarity when installing the battery.

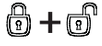
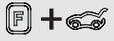
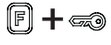
1WG7R-SP:
Use a quarter or flat head screwdriver to pry the back cover off of the remote. You can insert the quarter or flat head in the small slot at the bottom of the remote by the keychain loop. Carefully pry off the back cover using caution that you do not damage the circuit board. Your battery size should be listed on the battery. Battery size: Two (2) CR2016) Replacements can be purchased from your local Firstech dealer or an electronics store.

2 Way Remote Button Functions

Button(s)	Duration	Function
	Half second	Locks doors and if equipped, arms the alarm.
	4 seconds	Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn).
	Half second	Unlocks doors and if equipped, disarms the alarm.
	2.5 seconds	Run time extender. Resets the run time for Turbo Timer or Remote Start.
	2.5 seconds	Trunk release. Triggers the trunk release output and opens the vehicle's trunk.
	Half second	Car Check (updates vehicle status on remote) / Secure Auxiliary
	2.5 seconds	Holding this button will start your vehicle. Repeat and this will shut your vehicle down.
	This button activates and deactivates multiple features. See the Function Button Menu table below for complete details.	

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지9

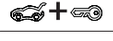
2 Way Remote Button Functions

Button(s)	Duration	Function
	Half second	Turns siren chirps on/off (Note: With the siren chirps off, it will still sound in the event the alarm is triggered).
	2.5 seconds	Turns the shock sensor on/off. (ALARM IT or MAX IT systems only)
	Half second	Valet mode (see Valet Mode Section for details)
	2.5 seconds	Option programming menu 1. For use during installation.
	Half second	Activates timer start mode. Timer start mode has multiple programmable settings: duration settings, temperature settings and self start settings.
	2.5 seconds	Option programming menu 2. For use during installation.
	Half second	Activates passive arming (vehicle will arm/lock 30 seconds after the vehicle is disarmed)
	2.5 seconds	Accesses Remote Option Menu. See Remote Option Menu Table for details.

Function Button Menu

Button	Duration				
	One Tap	Drive Lock On/Off	Turbo Timer On/Off	Auxiliary 1	Auxiliary 2

Remote Option Menu Table

Feature	Turns Feature On or Off	Button Duration	Remote Chirp(s)	Function / Description
Enter and Exit Remote Menu		2.5 Seconds	Three On | Three Off	Enters and Exits Remote Option Menu. The LED will flash purple.
2 Way Paging Display		Half second	One-Half Paging | Two-Full Paging	Determines whether your remote is used for Alarm or Start Only system. Set it to FULL for ALARM IT and MAX IT features. Set to HALF for START IT ONLY systems. If on, LED will flash blue. When turned off, the LED will flash red twice. **Important:** The 2W902R-SP is defaulted in HALF for START IT systems. It must be changed to FULL for alarm systems.
Silent		Half second	One On | Two Off	Turns the silent mode on or off. If on, LED will flash blue. When turned off, the LED will flash red twice.
2nd Car Mode		Half second	One On | Two Off	Puts your remote into 2nd Car Mode. You can control another vehicle with the same remote as long as it has the same RF Kit installed. If on, LED will flash blue. When turned off, the LED will flash red twice.
Automatic Button Lock		Half second	One On | Two Off	Locks all buttons on the remote automatically after one minute. Tap any button then the button(s) you would like to use to send a command from the remote to your vehicle. If on, LED will flash blue. When turned off, the LED will flash red twice.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 11

Remote LED Functions and Descriptions

Your remote will communicate to and from your vehicle while in range. The LED will change colors indicating transmission, confirmation, remote start run time and error confirmations.

Event	LED Color	LED Duration	Chirp(s)
Runtime Remaining: 100 Percent	Blue	Once every 5 seconds	Six times
Runtime Remaining: 66 Percent	Blue	Once every 5 seconds	N/A
Runtime Remaining: 33 Percent	Blue	Once every 5 seconds	N/A
All command confirmations	Blue	Once or Twice depending on function	Once or Twice depending on function
All error confirmations	Blue	Three LED flashes	Three chirps

Alarm LED Notifications

In the event that your alarm has been triggered, your remote will receive notifications based on what zone has been violated. Please see the following table for details and a short description of each notification. Please note that these notifications are only available with MAX IT and ALARM IT systems.

Zone	LED Color	Chirp(s)	Description
Door Trigger(s)	Purple and Red	Chirps for 30 seconds or until button tapped on remote	One of more of your door trigger zones have been violated.
Trunk Trigger	Purple and Red	Chirps for 30 seconds or until button tapped on remote	Your trunk trigger zone has been violated.
Hood Trigger	Purple and Red	Chirps for 30 seconds or unti button tapped on remote	Your hood trigger zone has been violated.
Ignition On Trigger	Purple and Red	Chirps for 30 seconds or unti button tapped on remote	Your alarm is triggered when your vehicle's ignition is turned on.
DAS Tilt Trigger	Purple and Red	Chirps for 30 seconds or unti button tapped on remote	Your alarm is triggered when your DAS detects tilt motion.
Prewarn Shock Sensor	Blue and Red	8 Chirps	Your prewarn shock sensor zone has been violated.
Full Shock Sensor	Purple and Red	Chirps for 30 seconds or until button tapped on remote.	Your full trigger shock sensor zone has been violated.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지13

1 Way Remote Button Functions

Button	Duration	Additional Programming Required	Function / Description
	Half second	no	Locks doors and / or arms alarm.
	3.5 seconds	no	Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn)
	Half second	no	Unlocks doors and / or disarms alarm.
	Half second	no	Aux 1. Triggers the auxiliary 1 output (most commonly used for rear defrost or window roll-down)
	2.5 seconds	no	Trunk pop. Triggers the trunk release output and opens the vehicle's trunk.
	Half second	no	Aux 2. Triggers the auxiliary 2 output (most commonly used for rear defrost or window roll-down)
	2.5 seconds	no	Activates the remote start. Repeat and remote start will shut off
+	Half second	no	Turns siren on/off (Note: With the siren off, it will still sound in the event the alarm is triggered)
+	2.5 seconds	no	Option programming menu 1 - Installers Only
+	Half second	no	Valet mode (see Valet Mode section for details)
+	2.5 seconds	no	Turns the shock sensor on/off. (Alarm or alarm / Starter systems only)

Quick Reference

1 Way Remote Button Functions

Button	Duration	Additional Programming Required	Function / Description
+	Half second	yes	Drive lock. Activates ignition controlled door locks.
+	2.5 seconds	no	Option programming menu 2 - Installers Only
+	Half second	no	Activates passive arming (vehicle will arm/lock 30 seconds after the vehicle is disarmed)
+	Half second	yes	Activates timer start mode. Timer start mode has multiple programmable settings: duration settings, temperature settings and self start settings
+	Half second	yes	Activates the built-in Turbo timer function. Additional installation is required when using this feature on automatic transmission in vehicle's
+	2.5 seconds	no	Car Check (updates vehicle status on remote pager) / Secure Auxiliary

If you would like additional information on the functionality of your 1way companion remote, please visit the support page at www.compustar.com to download the full user manual.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지15

General System Functions

The remote transmitter functions have been predetermined and programmed from the factory. The five button configuration allows for many functions to be performed through a series of tapping, holding and / or multiple presses of buttons.

Sending Commands

When in range and a command has been sent, the remote will beep and unique LED will flash blue or red. For example, to send a remote start command from the 2 Way remote, hold down the button for 2.5 seconds. The remote will beep once to confirm the command has been sent and that the remote is in range. Once the vehicle has successfully remote started, the remote will receive a command indicating the vehicle is running.

Receiving Commands

The remote pager will receive commands indicating the status of the vehicle, confirmation of sending commands and alarm notifications. For example, after sending the lock command, the pager will receive LED and chirp signals confirming that the vehicle has been successfully locked/armed. To see if your pager is in range, tap the button for a half second - if the remote receives an audible and LED confirmation then it is in range.

Active Lock / Arm and Unlock / Disarm

Tap the Lock button for a half second to lock/arm your vehicle. Tap the Unlock button to unlock/disarm your vehicle. If equipped this will also activate your starter kill and anti grind feature. Also you will not be able to start your vehicle with the key until unlock/disarm.

IMPORTANT: If the alarm has been triggered (Siren is sounding, parking lights flashing, and horn honking), you must wait until the remote pager has been paged before disarming the alarm -the first button tap will shut off the alarm and the second will unlock/disarm the system.

General System Functions

Passive Lock / Arm

The system can be configured to passively lock and arm the vehicle. Put the system in passive by tapping the + for a half second. The remote will beep once and the LEDs will illuminate to indicate the system is in passive lock and arming mode.

While in passive mode, the system will lock and arm the alarm 30 seconds after the last door is closed. As an indicator that the vehicle is going to passively lock and arm, the remote and siren will chirp once and the parking lights will flash once at both 10 and 20 seconds prior to passively locking and arming. If you want the system to passively arm and not passively lock, ask your local Firstech dealer to turn Option 1-8 to setting II.

Automatic Transmission Remote start Function

Hold the button for 2.5 seconds to remote start an automatic transmission vehicle. If you are in range and the vehicle is ready to remote start, the remote will beep once and LED flash blue indicating that the remote start command has been successfully transmitted.

If you are in range and the remote beeps three times, there is a remote start error. Refer to the “remote start error diagnostic” on the last page of this manual for details.

Upon receiving confirmation that your vehicle is running, the remote LED will flash and remote beep to show the run time. The remote start run time can be programmed for 3, 15, 25, or 45 minutes - ask your local Firstech dealer to adjust Option 2-7 if you would like a run time other than 15 minutes (default).

IMPORTANT: Your vehicle’s key must be inserted into the ignition and turned to the “on” position prior to driving your vehicle. If the foot brake is depressed prior to the key being in the “on” position, the vehicle will shut off.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지17

Manual Transmission Remote Start Function (Reservation Mode)

In order to remote start a manual transmission vehicle, the system must first be set in Reservation Mode. Reservation Mode must be set each and every time you want to remote start a manual transmission vehicle. The purpose of Reservation Mode is to leave the transmission in neutral before exiting the vehicle.

IMPORANT

- The transmission must be left in the neutral position.
- The vehicle's door pins must be in working order.
- Do not install this remote start on a manual transmission vehicle that has a convertible or removable top.
- The vehicle's windows must be rolled up.
- Do not set reservation mode or remote start with people in the vehicle.

Activating Reservation Mode

STEP1 : While the vehicle is running, place the transmission in neutral, set the emergency / parking brake, and remove pressure from the foot brake.

STEP2 : Remove the key from the vehicle's ignition. The vehicle's engine should remain running even after the key has been removed. If the vehicle does not remain running visit your local authorized Firstech dealer for service.

STEP3 : Exit the vehicle and close the door. The vehicle's engine should shut off instantly or within 10 seconds upon closing the last door. If the vehicle's engine does not shut off, your door trigger may be functioning improperly. Do not use the remote start feature and take your vehicle to a local authorized Firstech dealer for service.

Once the vehicle shuts off your system is in reservation mode and the vehicle is ready to safely remote start.

IMPORTANT : By default, the system will lock/arm the vehicle upon setting reservation mode. Take care to not lock your keys inside the vehicle.

Cancelling Reservation Mode

Reservation mode will be cancelled for the following reasons;

- You did not activate the parking brake prior to turning off the ignition.
- You released the parking brake after the key was removed from the ignition.
- You entered valet mode, opened the vehicles door, hood, trunk or set off the alarm.
- You pressed the foot brake after the key was removed from the ignition.

Reservation Mode Settings

Reservation mode settings can be programmed with Option 1-6. It is recommended that reservation mode settings are programmed by your local authorized Firstech dealer.

Default1 : Locks doors when reservation mode is set.

Option2 : Hold button to initiate Reservation Mode.

Option3 : Reservation mode sets 10 seconds after the last door is closed, as opposed to immediately.

This option will allow you to access the vehicle's rear doors, trunk or hatch prior to the system setting reservation and passively locking/arming.

Option4 : Shuts motor off before locking doors.

Trunk Release

Hold button for 2.5 seconds to release the trunk or hatch. If you are in range, the remote will beep twice and the LEDs will flash indicating that the trunk release command has been successfully transmitted.

IMPORTANT: Trunk release is an optional vehicle feature that may require additional parts and labor.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 19

Auxiliary Outputs / Window Roll—Down / Sliding Doors

Your system is equipped with two additional outputs that can be configured to control windows, open power sliding doors, open a power sliding moon roof, or even turn on a rear defroster. These outputs can be configured for pulsed, timed or latched settings. Your authorized Firstech dealer can set these outputs up accordingly. Using auxiliary outputs to control additional vehicle functions will require additional parts and can be rather labor extensive.

Tap the Function button for a half second followed by the Trunk button to trigger auxiliary output 1. Tap the Function button for a half second followed by the Key/Start button to trigger auxiliary output 2. The remote will beep once and parking lights flash, indicating that the auxiliary output(s) have been triggered.

By default, the system is in secure auxiliary mode, which requires you to tap the Key/Start button for a half second prior to triggering auxiliary 1 or 2. To turn off secure auxiliary, ask your authorized Firstech dealer to turn on *Option 4-5 to setting II*

Silent Arm / Disarm

Upon lock/arm and unlock/disarm, you can eliminate vehicle's audible confirmation by muting the siren. Normally, the siren will chirp once to indicate the system is locked/armed and twice to indicate the system is unlocked/disarmed. To mute the siren tap + buttons simultaneously for a half second.

IMPORTANT: Even when the siren is muted, it will still go off in the event the alarm is triggered.

General System Functions

Remote Mute

To silent your remote you must turn on Remote Mute on;

STEP 1: Enter remote programming mode by holding the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep 3 times and the LED will flash purple indicating that you have successfully entered programming mode.

STEP 2 : Tap the Unlock button. The LED will flash blue indicating that silent mode is on. Tap the Unlock button again to turn Remote Mute off. Two chirps and red LED flashes indicates Remote Mute is off.

STEP 3: Exit remote programming by holding down the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep indicating that you have successfully exited

Shock Sensor On / Off

Hold the Lock and Unlock buttons + simultaneously for 2.5 seconds to turn the shock sensor on and off. The remote will beep twice and LED flash twice to confirm the shock sensor is off. The remote will beep once and LED flash once to confirm the shock sensor is on.
IMPORTANT: Turning off the shock sensor also turns off any optional sensors.

Adjusting the shock sensor sensitivity is done at the actual sensor, which is generally mounted somewhere under the vehicle's dashboard. The higher the number on the dial means greater sensitivity to impact. The recommended dial setting for most vehicles is somewhere between 2 & 4. If you are testing your sensor, please note that the shock sensor does not recognize impact for 30 seconds after the system has been armed.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 21

General System Functions

Automatic Button Lock

Your remote comes with an automatic button lock feature. This feature automatically locks all four buttons on your remote after one minute. To unlock just tap any button then tap or hold the button(s) for the command you would like to send. This feature must be turned on in the Remote Option Menu.

STEP 1: Enter remote programming mode by holding the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep 3 times and the LEDs will flash purple on your remote indicating that you have successfully entered programming mode.

STEP 2 : Tap the Start button. One chirp and LED flash indicates that Automatic Button Lock is on. Tap the Start button again to turn Auto Button Lock off. Two chirps and LED flashes indicates the feature is off.

STEP 3: Exit remote programming by holding down the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep indicating that you have successfully exited programming.

Advanced System Functions

The following section reviews advanced system functions. Many of these functions require multiple steps or additional programming by your local authorized Firstech dealer to be active.

Drive Lock / Ignition Controlled Door Locks

Tap the Function button once followed by the Lock button to turn the Drive Lock on and off. (also known as ignition controlled door locks) The remote will beep once and the LED flash once to confirm that drive lock mode is activated. The remote will beep twice and LED flash twice to to confirm drive lock is off.

IMPORTANT: Drive lock mode requires that the dealer turn on *Option 1-9*. Drive lock has two settings;

Default 1: Off
Option 2: Locks the doors when the ignition is on and after the brake is depressed.
Option 3: locks the doors when the RPM's have reached two times that of idle speed (this setting requires that a tachometer wire is connected).

With both settings, the doors will unlock when the ignition is turned off. If using this feature on a manual transmission vehicle, the doors will unlock upon setting the emergency / parking brake.

Turbo Timer Mode

The built in turbo timer keeps the vehicle's engine running for either 1, 2, or 4 minutes (programmable from dealer) after the vehicle key has been removed from the ignition. This feature will keep oil running through the turbo system to allow for appropriate cooling time.

Tap the Function button once followed by the Unlock button to turn turbo mode on or off. The remote will beep once and LED flash once to confirm that turbo mode is activated. Repeat to turn turbo timer off. The remote will beep twice and LED flash twice to confirm turbo mode is off.

IMPORTANT: To utilize this feature, the emergency / parking brake wire must be connected to the Firstech system. Consult your local authorized dealer for installation.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지23

2nd Car Mode (Mulitiple Vehicle Control)

This remote has the ability to operate a 2nd vehicle with the same system.

Note: When in 2nd Car Mode that your LED will flash blue when the buttons are tapped. Hold buttons + for 2.5 seconds to enter the Remote Option Menu. Tap the Trunk Button to turn 2nd Car Mode on. Your remote will chirp once for on and twice for off. The remote's LED will illuminate blue confirming that 2nd car mode is activated. The remote will remain in 2nd Car Mode until you hold the + buttons for 2.5 seconds, enter the Remote Option Menu and tap the Trunk Button. The remote will beep twice and you must hold the Trunk and Key/Start buttons + to save the Remote Option Menu changes.

IMPORTANT: 2nd car mode requires the remote to be programmed to a 2nd vehicle that is equipped with the same remote kit.

RPS Touch and RPS (Remote Paging Sensor)

The RPS is an optional feature. The car call/RPS feature uses a small sensor that is mounted on the inside of your windshield.

RPS Touch (Remote Paging Sensor)

The new RPS touch has multiple features including: remote paging, 4 digit pin unlock/disarm, and arm/lock. All features are operated with a simple touch of the sensor.

Please have your installer program Option 3-16 to Setting 2.

RPS Touch and car call functions do not require programming, however in order to unlock/disarm your vehicle you must program a 4 digit passcode using the instructions below:

STEP 1: Choose your RPS Touch 4 digit code. '0' is not available.

STEP 2: Turn ignition to the 'ON' position and leave driver's door open.

STEP 3: Hold your finger over the 'Red Circle' icon for 2.5 seconds.

STEP 4: When the siren chirps and LEDs flash in a circular pattern, tap on your first number. (Hold the number for 2.5 seconds to choose 6 through 10.) After choosing your first number you will get one siren chirp and LEDs will flash in a circular pattern.

STEP 5: Repeat Step 4 until all four digits are set. You will get 1 siren chirp and 1 parking light flash. Repeat Steps 2 - 5 if you get 3 chirps and light flashes. Your RPS Touch is now programmed.

Alarm rearm and lock

To rearm hold your finger on the 'Red Circle' for 2.5 seconds.

Alarm disarm and unlock

To disarm hold your finger over the 'Red Circle' for 2.5 seconds. Once the LEDs start their circular pattern, enter your 4 digit code. (Refer to Step 4 above.) Two seconds after entering the 4th digit, your system will disarm.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 25

2 Way LCD remote paging
To page a 2 Way LCD remote just tap the 'Red Circle' twice.

Touch Panel Sensitivity
To change touch sensitivity open the driver' s door, hold the button on the back of the RPS Touch until the LEDs go out. Release button and tap again. The number of solid LEDs represent sensitivity of touch, 1 being the lowest, 5 the highest.

RPS Touch On or Off
You can turn the RPS Touch off from your remote. Just follow the instructions below:

STEP 1: Enter remote programming mode by holding down the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep once and the LCD will read "REMOTE MENU" indicating that you have entered programming mode.

STEP 2 : Scroll through the remote options by taping the Function button . Once the LCD reads "RPS-ON" tap the Lock button to turn this feature on. The LCD will read "RPS-OFF"

STEP 3: Exit remote programming by holding down the Trunk and Key/Start buttons + simultaneously for 2.5 seconds. The remote will beep indicating that you have successfully exited programming. The vibration icon will remain illuminated on the LCD indicating the remote is in remote mute/vibration mode.

RPS (Remote Paging Sensor) Unlock/Disarm

RPS and car call functions do not require programming, however in order to unlock/disarm your vehicle you must program a 4 digit passcode using the instructions below:

STEP 1: Disarm/unlock the alarm (remote must be programmed first) and choose a 4 digit code. You can not have zeros.

Advanced System Functions

STEP 2: Turn ignition key to the "on" position and leave the driver' s door open.

STEP 3: Knock on the windshield in front of the RPS a total of 5 times (each time you knock the LED on the RPS will flash RED). The LED will begin to flash rapidly in BLUE with successful completion of this step.

STEP 4: Enter the first digit of the desired four digit pass code by knocking on the windshield in front of the RPS the desired number of times. For example, to enter 3, knock on the sensor 3 times (each time you knock the LED will flash RED) then wait.

STEP 5: The LED on the RPS will confirm your first number by flashing BLUE slowly. Once the LED begins to flash rapidly in BLUE, enter your second number by repeating step 4.

STEP 6: Repeat steps 4 & 5 to enter all four numbers.

STEP 7: Turn the ignition OFF - the RPS disarm/unlock passcode is now programmed. Follow steps 3 ? 5 to enter your disarm/unlock code.

Alarm rearm and lock
To rearm, knock on your sensor 5 times.

Alarm disarm and unlock
To disarm, knock on your sensor 5 times. Wait for the Blue LEDs to flash rapidly. Follow STEP 4 and 5 above to enter your 4 digit passcode.

2 Way LCD remote paging
To page a 2 Way LCD remote just knock on the RPS twice.

Knock Panel Sensitivity
To change knock sensitivity, disarm the system and adjust the switch on the rear of the RPS. The larger the circle, the more sensitive the knock sensor is.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지27

Secure Valet Switch

The optional Secure Valet Switch prevents the alarm from being put into valet mode through cycling the ignition on/off five times. The Secure Valet Switch is more secure than traditional toggle / valet switches because it requires a two digit code.
IMPORTANT: The first two digits of the RPS unlock/disarm pass code will be the default pass code for the secure valet - you do not need to program them independently. If you are not using the RPS unlock, following the below procedures to program your secure valet pass code;

STEP 1: Turn on Option 3-10-III. (Dealer programmed option)

STEP 2: Turn ignition key to the "on" position.

STEP 3: Hold down the valet switch for 1.5 seconds. The LED on the valet switch will begin to flash rapidly with successful completion of this step.

STEP 4: Enter the first digit of the desired two digit pass code by depressing the switch the number of times that coordinates with the desired first number. For example, to enter 3, depress the switch 3 times, then wait.

STEP 5: The LED will confirm the first number by flashing BLUE slowly. Once the LED begins to flash rapidly, enter your second number by repeating step 4.

STEP 6: Turn the ignition off - the Secure Valet Switch is now programmed. Follow steps 3 - 5 to enter your Secure Valet code.

Advanced System Functions

Timer Start Mode

Timer start mode is used to cool or warm the vehicle automatically without use of the key or the remote. While engaged, timer start will activate even while the remote is out of range. Tap the Function + Key/Start buttons (F) + for a half second to activate timer start mode.
The remote will beep once and LED flash once. Repeat the same step to turn off timer start mode. Timer start mode will be cancelled any time the vehicle is started manually or remotely. To change from the default setting to optional settings, see your place of purchase.

Cold / Hot Start Mode

Cold/hot start mode works in conjunction with timer start mode (see above) and the temperature sensor. It allows you to configure your timer start feature to check the vehicle's temperature prior to starting. All of these options require programming from your local dealer.

Anti Jacking Mode

Your system has a mode that requires you to keep your remote separate from your key chain. This feature also requires additional labor. Please consult your installer for more details. The Anti Jacking mode allows you to safely disable your vehicle once a thief has driven off with your property. If you are car jacked and still have your remote, you can panic the system by holding button down for 4 seconds. The siren will sound for 30 seconds and the vehicle will shut down.

More Optional Sensors

If you purchased an Alarm or Alarm and Remote Start system you have the ability to add optional sensors from Firstech, LLC. You have the ability to protect your investment by adding a battery back up system to protect main power to your alarm or a tilt sensor to protect expensive rims and tires.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지 29

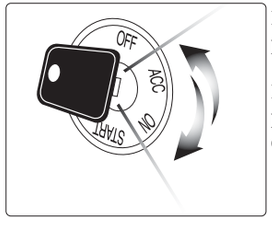
Remote Coding / Programming Routine (S)

IMPORTANT: Every Firstech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.

Programming : 2 W 5 Button Remotes:

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 7 seconds. The vehicle' s parking lights will flash once with the successful completion of this step.

STEP 2: Within 2 seconds after cycling the ignition for the 5th time, tap the Lock button on **2 way remotes** or the (lock) button on **1 way remotes** for a half second. The parking lights will flash once to confirm the transmitter has been coded.



Exiting Programming: Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.

Programming Multiple Remotes: After the confirmation flash given in step 2, code additional remotes by pressing button on **2 way remotes** or the (lock) button on **1 way remotes.** The parking lights will flash once confirming each additional remote. All systems can recognize up to three remotes.

Remote Start Error Diagnostic

If the remote start fails to start the vehicle, the parking lights will flash three times immediately. Following those three flashes the parking lights will flash again corresponding to the error table.

Number of Parking Light Flashes	Remote Start Error
1	Motor running
2	Key in ignition on position
3	Door open (manual transmission only)
5	Foot brake on
6	Hood open
7	Reservation off (manual transmission only)
8	Tach or voltage sensing failure
9	DAS sensor movement
10	System is in Valet Mode

We recommend that you do not attempt any repairs on your remote starter. Contact your dealer or call us directly.

REC500 E_S(12.06) 2012.8.17 2:18 PM 페이지31

Alarm Diagnostic

While the alarm is armed, the LED will blink slowly. While the siren is going off, the LED will indicate which specific zone was triggered.

Priority	Situation	LED On Duty
1	Door/Hood/Trunk/Key Triggered	2 flash, rest, then repeat
2	2nd Shock Triggered	3 flash, rest, then repeat
3	Optional Sensor Triggered	4 flash, rest, then repeat
4	PANIC	5 flash , rest, then repeat

Upon disarming the alarm after it has been triggered, the amount of siren chirps will indicate the specific zone.

# of Chirps	Situation
4	Optional Sensor Triggered
5	2nd Shock Triggered
6	Door/Hood/Trunk/Key Triggered

Limited Lifetime Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to **Firstech, LLC., 21903 68th Avenue South, Kent, WA 98032, USA** within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO, THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTAPILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OR PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OF ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights, which vary State to State.

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지33

Limited Lifetime Warranty

Firstech, LLC. is not RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE that may or may not resulted from the operation of Compustar, Compustar Pro, Arctic Start, Vizion, or NuStart. NOT WITH STANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

Your Warranty

The product's warranty is automatically void if the date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card at www.compustar.com within 10 days of purchase.

Memo

REC500E_S(12.06) 2012.8.17 2:18 PM 페이지35

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